

**ARIZONA DEPARTMENT OF RACING
LIST OF THRESHOLDS 2013-14**

Highlighted rows indicate changes from 2012-13

PARENT DRUG	THRESHOLD	FLUID	NOTES
Acepromazine	10 ng/ml	Urine	Lowered per RMTC
Albuterol	1 ng/ml	Urine	
Atropine	10 ng/ml	Urine	
Betamethasone	10 pg/ml	Serum/Plasma	Lowered per RMTC
Boldenone	100 pg/ml	Serum/Plasma	
	15 ng/ml	Urine	Males other than geldings
Butorphanol	2 ng/ml	Serum/Plasma	Changed to Blood
Clenbuterol	2 pg/ml	Serum/Plasma	
Dantrolene	100 pg/ml	Serum/Plasma	
Detomidine	20 pg/ml	Serum/Plasma	
Dexamethasone	5 pg/ml	Serum/Plasma	Lowered per RMTC
Diclofenac	5 ng/ml	Serum/Plasma	Raised per RMTC
DMSO	10 mcg/ml	Serum/Plasma	
Firocoxib	20 ng/ml	Serum/Plasma	
Flunixin	50 ng/ml	Serum/Plasma	
Furosemide	100 ng/ml	Serum/Plasma	
Glycopyrrolate	3.5 pg/ml	Serum/Plasma	
Hydrocortisone	1 mcg/ml	Urine	
Isoflupredone	100 pg/ml	Serum/Plasma	
Isoxsuprine	50 ng/ml	Serum/Plasma	
Ketoprofen	10 ng/ml	Serum/Plasma	
Meclofenamic Acid	1 mcg/ml	Serum/Plasma	
Methocarbamol	1 ng/ml	Serum/Plasma	
Methylprednisolone	100 pg/ml	Serum/Plasma	
Nandrolone	100 pg/ml	Serum/Plasma	Fillies, mares, geldings
	500 pg/ml	Serum/Plasma	Intact males
	1 ng/ml	Urine	
Naproxen	2 mcg/ml	Serum/Plasma	
Prednisolone	1 ng/ml	Serum/Plasma	Changed to Blood
Phenylbutazone	5 mcg/ml	Serum/Plasma	
Procaine	25 ng/ml	Urine	
Pyrilamine	50 ng/ml	Serum/Plasma	
Salicylates	750 mcg/ml	Urine	
Stanozolol	100 pg/ml	Serum/Plasma	
	1 ng/ml	Urine	

Testosterone	100 pg/ml	Serum/Plasma	Fillies, mares, geldings
	2,000 pg/ml	Serum/Plasma	Intact males
	20 ng/ml	Urine	Geldings
	55 ng/ml	Urine	Fillies and mares
Theobromine	2 mcg/ml	Urine	
Total CO2	37 mmol/L	Serum/Plasma	
Triamcinolone	100 pg/ml	Serum/Plasma	
Xylazine	10 pg/ml	Serum/Plasma	New per RMTC

Notes for 2013-14 Turf Paradise Meet:

1. The permitted concentration of dexamethasone has been reduced significantly based on the recommendation from the Racing Medication & Testing Consortium. Their recommended withdrawal time is 72 hours for IM or IV administrations of dexamethasone sodium phosphate or the oral administration of 0.05 mg/kg of dexamethasone.
2. The permitted concentration of betamethasone has been reduced significantly based on the recommendation from the Racing Medication & Testing Consortium. Their recommended withdrawal time is 7 days for a single-site IA administration of betamethasone sodium phosphate or betamethasone acetate.
3. Changes to the thresholds for acepromazine, butorphanol, diclofenac and prednisolone do not change the recommended withdrawal guidelines from 2012-13.
4. Anecdotal reports indicate that withdrawal times when corticosteroids are administered into back leg joints can be longer than those typically recommended for front legs. Most studies to date are based on front fetlock administrations. Until this phenomenon is proven or disproven it is recommended that a sample be tested by the laboratory prior to entry in order to avoid unintended positive tests.
5. Be advised that in the event urine is not obtained from a horse, those drugs with urine-only thresholds will have an effective threshold of the limit of detection for the respective drug in blood utilizing mass spectral methods.